Science and technology K-6 sample scope and sequence

## Learning overview

### Early Stage 1

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|  | Outcomes | Learning overview |
| Term 1 | Working scientifically: STe-1WS-S  Design and production: STe-2DP-T  Physical world: STe-5PW-ST | Focus – physical world  Students work scientifically to investigate the physical characteristics of objects and the effects of these on how they move. They use design and production skills to create solutions that show how push and pull forces create movement. |
| Term 2 | Working scientifically: STe-1WS-S  Design and production: STe-2DP-T  Material world: STe-4MW-ST  Digital technologies: STe-7DI-T | Focus – material world and digital technologies  Students work scientifically to observe and describe properties of materials. They investigate how the properties of materials determine their use through design and production and explore how algorithms can be used to solve problems. |
| Term 3 | Working scientifically: STe-1WS-S  Design and production: STe-2DP-T  Living world: STe-3LW-ST  Digital technologies: STe-7DI-T | Focus – living world and digital technologies  Students work scientifically to investigate living things, their characteristics, needs, behaviours, and the environment in which they live. They explore how plants and animals satisfy our needs by providing us with the resources for the production of food and fibre. Students explore the use of digital technologies and how they are used to communicate their findings about living things. |
| Term 4 | Working scientifically: STe-1WS-S  Earth and space: STe-6ES-S  Digital technologies: STe-7DI-T  Design and production: STe-2DP-T | Focus – Earth and space and digital technologies  Students work scientifically to investigate daily and seasonal changes in the environment and how living things respond to these changes in the environment. They use digital technologies to record and communicate their findings. |

[Science and Technology K-6 Syllabus (2017)](https://educationstandards.nsw.edu.au/wps/portal/nesa/k-10/learning-areas/science/science-and-technology-k-6-new-syllabus) © NSW Education Standards Authority (NESA) for and on behalf of the Crown in right of the State of New South Wales.